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(54) FOAMING COMPOSITION AND METHOD FOR PRODUCING FOAMED MATERIAL BY USING THE SAME

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a foaming composition capable of producing a foamed material excellent in molding processability such as thin material formation and lamination, and having fine bubbles, a method for producing the foamed material by using the same, and also a foaming composition having a high environment maintainability, without showing the disappearance of the fine bubbles even on leaving it under a high temperature environment and maintain-

ing the foamed (porous) structure.

SOLUTION: This foaming composition is characterized by containing an acid-generating agent for generating an acid or a base-generating agent for generating a base by the action of an active energy beam, and further a compound having a functional group for foaming by its decomposition to decompose and release ≥ 1 kind low boiling point vaporizable substance by reacting with the acid or base, wherein the decomposition foaming compound is selected from (1) a film-forming polymer and (2) a monomer polymerizing by an irradiation of the active energy beam to form the film-forming polymer.

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